

INTERNATIONAL SEARCH REPORT

Inte	Application No
PCT/GB 03/02441	

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	H04J14/02	H04J14/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED		
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Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 388 782 B1 (CONNOLLY JOHN CHARLES ET AL) 14 May 2002 (2002-05-14) column 11, line 58 -column 12, line 21; figure 9 column 13, line 43 -column 14, line 3; figure 11 column 14, line 25 - line 32; figure 12 column 15, line 8 - line 15 column 15, line 63 -column 16, line 16 column 19, line 47 - line 50 column 20, line 7 - line 45; figures 22,23 ---	1,2
Y	US 6 028 697 A (LEE DO-HYUNG) 22 February 2000 (2000-02-22) column 2, line 24 - line 39 ---	3,4
Y	---	3,4



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

Date of mailing of the international search report

12 February 2004

20/02/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 815 294 A (NISHIMOTO HIROSHI ET AL) 29 September 1998 (1998-09-29) column 11, line 8 - line 17; figure 3 column 11, line 34 - line 47; figure 4 column 11, line 66 -column 12, line 30 column 14, line 60 -column 15, line 27; figure 9 ----- PATENT ABSTRACTS OF JAPAN vol. 007, no. 158 (E-186), 12 July 1983 (1983-07-12) & JP 58 066444 A (MITSUBISHI DENKI KK), 20 April 1983 (1983-04-20) abstract -----	1-4
A		1-4

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Information on patent family members

Intern

Application No

PCT/GB 03/02441

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